

WHAT IS CLAIMED IS:

1. An image browsing device browsing an image stored in an image data source, the device comprising:
 - a coded-data-for-display acquisition unit to acquire coded data used for display of the image from the image data source;
 - a display processing unit to decode/extend the acquired coded data used for the display, and displaying the image on a display unit;
 - a user interface unit to provide a user interface for a user to input a direction for saving the image displayed on the display unit;
 - a coded-data-for-saving acquisition unit to acquire coded data for the saving of the image directed by the user from the image data source; and
 - a saving unit to save the acquired coded data for the saving in a storage unit.
2. The image browsing device as claimed in claim 1, wherein the coded-data-for-saving acquisition unit additionally acquires coded data equivalent to a difference between the coded data for the saving and the coded data used for the display from the image data source, and synthesizes the coded data for the saving from the additionally acquired coded data and the coded data used for the display.
3. The image browsing device as claimed in claim 1, wherein the user interface unit presents the user with a menu regarding at least one of elements of an image quality, a resolution, a number of components, an area and a number of frames of the image when the saving of the image displayed on the display unit is directed by the user, and supplies specification information corresponding to an item selected on the menu by the user, and
 - the coded-data-for-saving acquisition unit acquires the coded data for the saving according to the supplied specification information.

4. The image browsing device as claimed in claim 3, wherein the user interface unit presents the user with boundary lines of divided areas of the image directed to be saved.

5. The image browsing device as claimed in claim 1, wherein the user interface unit presents a first menu for the user to select at least one of elements of an image quality, a resolution, a number of components, an area and a number of frames of the image when the saving of the image displayed on the display unit is directed by the user, presents a second menu regarding the selected element for the user when the user selects the element, and supplies specification information corresponding to the selected element and an item selected on the second menu by the user when the user selects the item, and

the coded-data-for-saving acquisition unit acquires the coded data for the saving according to the supplied specification information.

6. The image browsing device as claimed in claim 5, wherein the user interface unit presents the user with boundary lines of divided areas of the image directed to be saved when the element selected by the user is the area of the image.

7. The image browsing device as claimed in claim 3, wherein the coded-data-for-saving acquisition unit acquires the coded data for the saving by abandoning extra code from the coded data used for the display when all of the coded data for the saving according to the supplied specification information is included in the coded data used for the display.

8. The image browsing device as claimed in claim 5, wherein the coded-data-for-saving acquisition unit acquires the coded data for the saving by abandoning extra code from the coded data used for the display when all of the coded data for the saving

according to the supplied specification information is included in the coded data used for the display.

9. The image browsing device as claimed in claim 1, wherein each of the coded data used for the display and the coded data for the saving is coded data conforming to JPEG2000.

10. An image browsing and saving method comprising:
acquiring coded data used for display of an image from an image data source;
performing one or both of decoding and extending the acquired coded data used for the display, and displaying the image on a display unit;
providing a user interface for a user to input a direction for saving the image displayed on the display unit;
acquiring coded data for the saving of the image directed by the user from the image data source; and
saving the acquired coded data for the saving in a storage unit.

11. The image browsing and saving method as claimed in claim 10, wherein acquiring coded data for saving comprises additionally acquiring coded data equivalent to a difference between the coded data for the saving and the coded data used for the display from the image data source, and synthesizing the coded data for the saving from the additionally acquired coded data and the coded data used for the display.

12. The image browsing and saving method as claimed in claim 10, further comprising:

presenting the user with a menu regarding at least one of elements of an image quality, a resolution, a number of components, an area and a number of frames of the image when the direction for saving the image is input; and

supplying specification information corresponding to an item selected on the menu

by the user,

wherein acquiring coded data for saving comprises acquiring the coded data for the saving according to the supplied specification information.

13. The image browsing and saving method as claimed in claim 12, further comprising presenting the user with boundary lines of divided areas of the image directed to be saved.

14. The image browsing and saving method as claimed in claim 10, further comprising:

presenting a first menu for the user to select at least one of elements of an image quality, a resolution, a number of components, an area and a number of frames of the image when the direction for saving the image is input;

presenting a second menu regarding the selected element for the user when the user selects the element from the first menu; and

supplying specification information corresponding to the selected element and an item selected on the second menu by the user,

wherein acquiring coded data for saving comprises acquiring the coded data for the saving according to the supplied specification information.

15. The image browsing and saving method as claimed in claim 14, further comprising presenting the user with boundary lines of divided areas of the image directed to be saved when the element selected from the first menu by the user is the area of the image.

16. The image browsing and saving method as claimed in claim 12, wherein acquiring coded data for saving comprises abandoning extra code from the coded data used for the display when all of the coded data for the saving according to the supplied specification information is included in the coded data used for the display.

17. The image browsing and saving method as claimed in claim 14, wherein acquiring coded data for saving comprises abandoning extra code from the coded data used for the display when all of the coded data for the saving according to the supplied specification information is included in the coded data used for the display.

18. An article of manufacture having one or more recordable media storing instructions thereon which, when executed by a computer, cause the computer to provide a user interface for a user to input a direction for saving an image displayed on a display unit by:

presenting the user with a menu regarding at least one of elements of an image quality, a resolution, a number of components, an area and a number of frames of the image when the saving of the image displayed on the display unit is directed by the user; and

supplying the computer with specification information corresponding to an item selected on the menu by the user.

19. An article of manufacture having one or more recordable media storing instructions thereon which, when executed by a computer, cause the computer to provide a user interface for a user to input a direction for saving an image displayed on a display unit by:

presenting a first menu for the user to select at least one of elements of an image quality, a resolution, a number of components, an area and a number of frames of the image when the saving of the image displayed on the display unit is directed by the user;

presenting a second menu regarding the selected element for the user when the user selects the element; and

supplying the computer with specification information corresponding to the selected element and an item selected on the second menu by the user when the user selects the item.

20. An article of manufacturing having one or more recordable media storing instructions thereon which, when executed by a computer, cause the computer to perform:

- acquiring coded data used for display of an image from an image data source;
- decoding and extending the acquired coded data used for the display, and
- displaying the image on a display unit;
- providing a user interface for a user to input a direction for saving the image displayed on the display unit;
- acquiring coded data for the saving of the image directed by the user from the image data source; and
- saving the acquired coded data for the saving in a storage unit.